

IN THE CLAIMS

1. (Currently Amended) A sealing system for a multiterminal electrical connector (4) comprising a plastic body in which is housed a multiterminal seal (10) of a flexible material having several through-holes (11) that pass completely through it and are each designed to receive an electric connection wire (5) and at least one part of a connection terminal (4) in which the wire is crimped, characterized in that it also comprises a single-unit seal (20) of tubular shape, partially surrounding the connection wire and inserted at least partially into one of the through-holes of the multiterminal seal.
2. (Currently Amended) The sealing system according to claim 1, further characterized in that the single-unit seal (20) has a first section (23) provided with sealing lips (24) pressing on the walls of the through-hole.
3. (Currently Amended) The sealing system according to claim 1 or 2, further characterized in that the single-unit seal has a smooth second section (22).
4. (Original) The sealing system according to claim 3, further characterized in that the second section of the single-unit seal is partially inserted into a connection terminal.
5. (Currently Amended) The sealing system according to ~~any one of~~ claims 1 to 4, further characterized in that through-holes (11) of the multiterminal seal each have a front part (11a) having a section adapted to the first section of the single-unit seal and a rear part (11b) having a section adapted to the section of the connection wire.

6. (Currently Amended) The sealing system according to claim 5, further characterized in that rear part (41b) of the through-holes has sealing lips (42) pressing on the connection wire.
7. (Currently Amended) The sealing system according to claim 5 or 6, further characterized in that front part (41a) of the through-holes is smooth.
8. (Currently Amended) The sealing system according to ~~any one of~~ claims 1 to 7, further characterized in that the multiterminal seal comprises two plates positioned on top of one another, one of these plates comprising the front part of the through-holes and the other plate comprising the rear part of the through-holes.
9. (Currently Amended) The sealing system according to ~~any one of~~ claims 1 to 8, further characterized in that the multiterminal seal is of an elastic and impermeable material.
10. (Currently Amended) An electrical connector comprising several connection terminals and receiving electrical connection wires of different sections, characterized in that it comprises the sealing system according to ~~any one of~~ claims 1 to 9.